

# **Infestation of fruit fly, *Bactrocera* (Diptera: Tephritidae) on mango (*Mangifera indica* L.) in peninsular Malaysia**

## **ABSTRACT**

A survey was carried out in mango orchards in Peninsular Malaysia with aimed to determine the infestation levels of fruit fly *Bactrocera* (Diptera: Tephritidae) on mango (*Mangifera indica* L.) through damaged fruit collection. Two fruit fly species emerged from the collected fruits: *Bactrocera dorsalis* (Hendel) and *Bactrocera carambolae* (Drew & Hancock). *Bactrocera dorsalis* was recorded the most abundant species (91%) compared to *B. carambolae* (9%). The highest fruit infestation was observed in Bumbong Lima ( $93.49 \pm 2.25$  pupae/kg), followed by Bukit Changgang ( $36.08 \pm 8.35$  pupae/kg) and Pulau Gadong ( $26.78 \pm 4.86$  pupae/kg) whilst Jitra showed the lowest fruit infestation ( $10.79 \pm 3.34$  pupae/kg).

**Keyword:** *Bactrocera*; Infestation; Mango